BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

e of work: Estimate for Construction of BBMP Help Point at Ramachandrapura in Ward No. ...mpunagara), Vidyaranyapura Sub Division.

Estimate Cost Rs. 1000000.00

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
SRB 2-2.1 : Earthwork excavation for foundation of uildings, water supply, sanitary lines and electrical onduits either in pits or in trenches 1.5m and above in idth, **in ordinary soil** not exceeding 1.5 m. in depth ncluding dressing the bottom and sides of pits and enches, stacking the excavated soil clear from edges of xcavation with lead upto 50 m. after breaking of clods omplete as per specifications. specification. No. KBS .1(a) / 2.3.5 **Page No. 5 / Item No. 2.3 of PWD SR 2016-7**	Cum							
ong Wall		2	9.30	1.20	1.00	22.32		
Short Wall		3	4.80	1.20	1.00	17.28		
		1	2.60	1.20	1.00	3.12		
For Columns		6	1.50	1.50	1.50	20.25		
Building Surroundings		2	6.50	1.00	0.10	1.30		
Basic Rate	189.00					**64.27**	204.12	**13119.00**
Area Weightage @ 8%	15.12							
Total	**204.12**							
KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. pecification No. KBS 4.1, 4.2. **Page No.12, Item No. 4.3 f PWD SR 2016-17**	Cum							
ong Wall		2	9.30	1.00	0.15	2.79		
hort Wall		3	4.80	1.00	0.15	2.16		
oilet Wall		1	2.60	1.00	0.15	0.39		
or Columns		6	1.50	1.50	0.15	2.03		
uilding Surroundings		2	6.50	1.00	0.15	1.95		
Basic Rate	4867.00					**9.32**	5256.36	**48963.00**
Area Weightage @ 8%	389.36							
Total	**5256.36**							
SRB 5.2-3 : Providing and constructing granite / trap / asalt size stone masonry in foundation with cement ortar 1:6, stone hammerd dressed in courses not less han 20 cms high, bond stones at two m. apart in each ourse including cost of materials, labour, curing omplete as per specifications. KBS 5.1.13 **Page No. 23 / tem No. 5.6, PWD SR 2016-17**	Cum							
Long Wall		2	9.15	0.75	0.75	10.29		
Short Wall		3	4.65	0.75	0.75	7.85		
Toilet Wall		1	2.80	0.75	0.75	1.58		
Deduction of Columns		6	1.50	0.75	0.75	-5.06		
Basic Rate	4187.00					**14.65**	4521.96	**66261.00**
Area Weightage @ 8%	334.96							

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
Total	4521.96							
(SR) 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 **Page No. 23 / Item No. 5.9, PWD SR 2016-17**	Cum							
Long Wall		2	9.15	0.45	0.45	3.71		
Short Wall		3	4.65	0.45	0.45	2.82		
Toilet Wall		1	2.80	0.45	0.45	0.57		
Deduction of Columns		6	1.50	0.45	0.45	-1.82		
Basic Rate	5005.00					**5.28**	5405.40	**28514.00**
Area Weightage @ 8%	400.40							
Total	**5405.40**							
Providing and laying **cement concrete** using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete **(RMC) M 20** for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, **for raft foundation column footing , main and secondary beams** with all lead and lifts etc., complete exclusive of cost of steel and fabrication charges.) **Page No. 18, Item No. 4.48, PWD SR 2016-17**	Cum							
Columns Footing		6	1.50	1.50	0.60	8.10		
Columns Rising		6	0.20	0.45	3.60	1.94		
Plinth		1	33.20	0.20	0.45	2.99		
Lintel		1	33.20	0.20	0.20	1.33		
Beams		1	4.25	0.30	0.45	0.57		
Allround Beam		1	33.20	0.20	0.45	2.99		
Roof Slab		1	9.10	5.60	0.15	7.64		
Building Surroundings		2	6.50	1.00	0.15	1.95		
Basic Rate	5879.00					**27.52**	6349.32	**174706.00**
Area Weightage @ 8%	470.32							
Total	**6349.32**							
SRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification. No. KBS 2.9, **Page No. 6 / Item No. 2.10 / PWD SR 2016-17**	Cum							
		Qty Vide Item No. 1				64.27		
Basic Rate	127.00					**64.27**	137.16	**8815.00**
Area Weightage @ 8%	10.16							
Total	**137.16**							

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
(SRB 5-11 : Providing and constructing load bearing wall ith solid concrete blocks of size 400x150x200 mm block density not lessthan 1800 kg/m3 and having m.mum average compressive strength 5.00 N/mm2 onfirming to IS 2185 (Part) : 2005 and constructed with :M 1:4 , as per IS 2572:2005 including cost of all aterials, labour charegs, scaffolding, curing complete as er specifications. KBS No.5.4 **Page No. 25 / Item No. .27.2, PWD SR 2016-17**	Sqm							
ong Wall		2	9.10		3.00	54.60		
hort Wall		3	4.20		3.00	37.80		
oilet Wall		1	3.00		3.00	9.00		
arapet Wall		2	9.10		0.60	10.92		
		2	4.60		0.60	5.52		
						117.84		
educt for Openings								
D		1	1.20		2.10	2.52		
2		1	1.00		2.10	2.10		
		1	0.75		2.10	1.58		
indows		3	1.50		1.20	5.40		
		2	0.45		0.60	0.54		
ntel		1	33.20		0.20	6.64		
round beam		1	33.20		0.45	14.94		
						-33.72		
Basic Rate	831.00					**84.13**	897.48	**75501.00**
Area Weightage @ 8%	66.48							
Total	**897.48**							
SRB 4.9.2 : Providing **T.M.T steel reinforcement for C.C work** including straightening, cutting, bending, ooking, placing in position, lapping and / or welding herever required, tying with binding wire and anchoring the adjoining members wherever necessary complete per design (laps, hooks and wastage shall not be easured and paid) cost of materials, labour, HOM of achinery complete as per specifications. Specification KBS 4.6.3 - **TMT bars Fe 500 Page No. 17 / Item . 4.46.2, PWD SR 2016-17**	Tonne							
125 Kg / Cum		0.125	27.52			3.44		
Basic Rate	60607.00					**3.44**	65455.56	**225132.00**
Area Weightage @ 8%	4848.56							
Total	**65455.56**							

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
SRB 10-3 : Providing and laying integral cement based aterproofing treatment including preparation of surface uired for treatment of roofs, balconies, terraces c., consisting of following application. (a) Applying and outing a slurry coat of neat cement using 2.75 kg/sqm cement admixed with proprietary water proofing mpound conforming to IS:2645 over the RCC slab after eaning the surface before treatment. (b) Laying cement ncrete using broken brick bats 25mm to 100mm size th 50% of cement mortar 1:5 admixed with proprietary ater proofing compound conforming IS:2645 over 20mm ck layer of cement mortar 1:5 admixed with proprietary ater proofing compound to required slope and treating nilarly the adjoining walls upto 300mm height including nding off junctions of walls and slabs. (c) After two ys of proper curing, applying a second coat of cement ry admixed with proprietary water proofing compound Finishing the surface with 20mm thick jointless cement rtar of mix 1:4 admixed with proprietary water proofing mpound and finally finishing the surface with trowel and at cement slurry and making of 300x300mm square. (e) e whole terrace so finished shall be flooded with water a minimum period of two weeks for curing and for final it including cost of materials, labour complete as per ecifications. **Page No. 66, Item No. 10.2 of PWD SR 16-17**	Sqm							
Roof Slab		1	9.10	5.60		50.96		
Basic Rate	904.00					**50.96**	976.32	**49753.00**
Area Weightage @ 8%	72.32							
Total	**976.32**							
RB15-3-13 : Providing 12mm thick cement plaster in gle coat with cement mortar 1:3, to ceiling including nding off corners wherever required smooth rendering, roviding and removing scaffolding, including cost of terials, labour, curing complete as per specifications. **ge No. 114, Item No. 15.21 of PWD SR 2016-17**	Sqm							
Hall		1	5.50	4.20		23.10		
Room		1	3.00	2.80		8.40		
Toilet		1	3.00	1.20		3.60		
Front Extension		1	9.10	1.00		9.10		
Basic Rate	193.00					**44.20**	208.44	**9213.00**
Area Weightage @ 8%	15.44							
Total	**208.44**							
RB15-3.8 : Providing 18mm thick cement plaster in gle coat with cement mortar 1:4, to brick masonry cluding rounding off corners wherever required smooth ndering, : Providing and removing scaffolding, including st of materials, labour, curing complete as per ecifications. **Page No. 114 / Item No. 15.16, PWD SR 16-17**	Sqm							
Hall		2	5.50		3.00	33.00		
		2	4.20		3.00	25.20		
Room		3	3.00		3.00	27.00		
		2	2.80		3.00	16.80		
Toilet		2	2.00		3.00	12.00		
		3	1.20		3.00	10.80		

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
						124.80		
duct for Openings								
		1x0.5	1.20		2.10	1.26		
		1	1.00		2.10	2.10		
		1	0.75		2.10	1.58		
ndows		3x0.5	1.50		1.20	2.70		
		1x0.5	0.45		0.60	0.14		
						-7.77		
Basic Rate	221.00					**117.03**	264.60	**30966.00**
Add for Lime Rendering	24.00							
Total	**245.00**							
Area Weightage @ 8%	19.60							
Total	**264.60**							
RB15-3.9 :Providing 18mm thick cement plaster in gle coat with cement mortar 1:6, to brick masonry luding rounding off corners wherever required smooth dering, : Providing and removing scaffolding, including t of materials, labour, curing complete as per cifications. **Page No. 114 / Item No. 15.17, PWD SR 6-17**	Sqm							
Out Side Wall		2	9.10		4.20	76.44		
		2	4.60		4.20	38.64		
						115.08		
duct for Openings								
		1x0.5	1.20		2.10	1.26		
ndows		3x0.5	1.50		1.20	2.70		
ntilator		1x0.5	0.45		0.60	0.14		
						-4.10		
Basic Rate	198.00					**110.99**	213.84	**23733.00**
Area Weightage @ 8%	15.84							
Total	**213.84**							
viding and fixing Special make glazed Vitrified tiles anomite finish) of approved make, quality and colour size 600x600x10mm thick fixed on existing flooring h a special roffe adhesive for flooring and skirting etc., mplete including providing spears at required interval d removing stains etc., complete. **(P.No. 107, I.No. .43 of SR 2016-17).**	Sqm							
Hall		1	5.50	4.20		23.10		
Skerting		2	5.50		0.10	1.10		
		2	4.20		0.10	0.84		
Kitchen		1	3.00	2.80		8.40		
Skerting		1	3.00		0.10	0.30		
		1	2.80		0.10	0.28		
Basic Rate	1190.00					**34.02**	1285.20	**43723.00**
Area Weightage @ 8%	95.20							
Total	**1285.20**							
SRB 4-6.5 : Providing and removing **centering, huttering, strutting, propping** etc., for **columns, illars, post and struts**, square / rectangular/ polygon in lan including cost of all materials, labour complete as er specifications. Specification No. KBS 4.6.2 **Page No. 6 / Item No. 4.32. PWD SR 2016-17**	Sqm							

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
Columns		6	6.00		0.60	21.60		
		6	1.30		3.90	30.42		
Basic Rate	366.00					**52.02**	395.28	**20562.00**
Area Weightage @ 8%	29.28							
Total	**395.28**							
SRB 4-6.3 : Providing and removing **centering, nuttering, strutting, propping** etc., and removal of form ork for flat surface such as suspended floors, roofs, ndings, balconies and likes, thickness above 200 mm cluding cost of all materials, labour complete as per pecification. Specification No. KBS 4.6.2 **Page No. 15 / em No. 4.30 PWD SR 2016-17**	Sqm							
Hall		1	5.50	4.20		23.10		
Room		2	3.00	2.80		16.80		
Toilet		2	2.00	1.20		4.80		
Front Extension		1	9.10	1.00		9.10		
Basic Rate	384.00					**53.80**	414.72	**22312.00**
Area Weightage @ 8%	30.72							
Total	**414.72**							
SRB .4-6.7 :Providing and removing **centering, uttering, strutting, propping** etc., and removal of form rk for sides and soffits of **beams, beam haunchings, ntilever girders, bressumers and lintels not ceeding 1m in depth** including cost of all materials, our complete as per specifications. Specification No. S 4.6.2 **Page No. 16 / Item No. 4.34, PWD SR 2016-**	Sqm							
Allround Lintel		2	33.20		0.45	29.88		
Allround Plinth		2	33.20		0.20	13.28		
Alround Roof beam		2	33.20		0.45	29.88		
Beam		1	4.25		1.10	4.68		
Basic Rate	256.00					**77.72**	276.48	**21487.00**
Area Weightage @ 8%	20.48							
Total	**276.48**							
SRB 7.3 : Providing and fixing 1mm thick **M.S. sheet rage door** with frame and diagonal braces of size x40x6 mm angle Iron, 3.15mm thick M.S. Gusset plates the junctions and corners, with handles, stoppers and cking arrangements etc., including applying a priming at of red lead paint cost of materials, labour, HOM of achinery complete as per specifications. **Double leaf oor of size 2.4x2.4m**. Specification No. KBS 7.9 / 7.12. age No. 31 / Item No. 7.3 / PWD SR 2016-17**	Sqm							
Main Door		1	1.20		2.10	2.52		
		1	0.90		2.10	1.89		
Toilet Door		1	0.75		2.10	1.58		
Basic Rate	2332.00					**5.99**	2518.56	**15074.00**
Area Weightage @ 8%	186.56							
Total	**2518.56**							

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
SRB 7.7 : Providing and fixing in position in cement oncrete 1:3:6 **steel glazed windows and ventilators** de ung/top hung fully openable as per approved awings using Z angles of 25x33x3mm, weighing 1.419 g/m both for outer and inner frames and central mullion ection of size 25x46x3mm. weighing 2.28Kg/m duly oviding T section 19x19x3mm weighing 0.839 kg/m for azing of windows not more than 34 cms. c to c including oviding and fixing 4mm. thick reeded glass with akwood beading of required size, all steel sections ould confirm to I.S 7452:1990, 4nos. of holdfasts of pproved size, section should be cut to length welded nd electrically grinded subdividing frames of unit shall be nonned and revetted into the frames electrically. All the eel surface shall be throughly cleaned free of rust and ainted with one coat of anti-corosive paint and finishing th two coats of ready mix paint of approved colour and ake including cost of materials, fixtures, labour and DM of machinerycomplete as cations. h proprietary ater proofing compound and finally finishing the **surface th trowel and neat cement slurry**								
	Sqm							
		3	0.90		0.75	2.03		
		1	0.45		0.60	0.27		
Basic Rate	3530.00					**2.30**	3812.40	**8749.00**
Area Weightage @ 8%	282.40							
Total	**3812.40**							
RB 15-14.1 : Providing and **applying two coats with bound washable distemper** of approved brand and ade on wall surface including priming coat with temper primer after throughly brooming the surface e from mortar drops and other foreign matter including paring the surface even and sand paper smooth, cost materials, labour, complete as per specifications. **Page . 117 / Item No. 15.49.1, PWD SR 2016-17**	Sqm							
		Qty Vide Item No.10+11				161.23		
Basic Rate	71.00					**161.23**	76.68	**12363.00**
Area Weightage @ 8%	5.68							
Total	**76.68**							
SRB 15-16.1 : Providing and finishing external walls in o coats with waterproof cement paint of approved brand nd shade to give an even shade after throughly ooming the surface to remove all dirt and loose owdered material, free from mortar drops and other reign matter cost of materials, labour, complete as per pecifications. - with primer. **Page No. 117 / Item No. 5.53.2, SR 2016-17.**	Sqm							
		Qty Vide Item No.12				110.99		
Basic Rate	84.00					**110.99**	90.72	**10069.00**
Area Weightage @ 8%	6.72							
Total	**90.72**							

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
roviding and fixing Chorinated Poly Venyl Chloride CPVC) pipes conforming to IS 15778, having thermal ility for hot and cold water supply including all CPVC ain and brass threaded fittings including fixing the pipe th clamp at 1.00 mtr spacing. This includes jointing of pes and making good the same including testing of ints complete. (Concealed work including cutting chases id good the walls etc.) - 20mm nominal OD pipes. **.No.96, I.No. 13.86.2 of PWD SR 2016-17)**	M							
		1	25.00			**25.00**	226.80	**5670.00**
Basic Rate	210.00							
Area Weightage @ 8%	16.80							
Total	**226.80**							
oviding and fixing Chorinated Poly Venyl Chloride PVC) pipes conforming to IS 15778, having thermal ibility for hot and cold water supply including all CPVC ain and brass threaded fittings including fixing the pipe h clamp at 1.00 mtr spat & the cost of cutting chases & iking good the same including testing of joints mplete. (Concealed work including cutting chases and od the walls etc.) - 25mm nominal OD pipes **(P.No.96, o. 13.86.3 of PWD SR 2016-17)**	m							
		1	20.00			**20.00**	270.00	**5400.00**
Basic Rate	250.00							
Area Weightage @ 8%	20.00							
Total	**270.00**							
viding and fixing CI Nahani trap of approved make forming to ISI specifications and construction of tern in M-15 as per directions (Rate is inclusive of cost naterials and fixtures and conveyance of materials to k spot). **- 12.5cms x 7.5cms Page No. 88, Item No. 113.2, PWD SR 2016-17**	Each							
		1				**1.00**	307.80	**308.00**
Basic Rate	285.00							
Area Weightage @ 8%	22.80							
Total	**307.80**							
RB13-6.3-3 : Providing and fixing in position brass e valve with C.I wheel of approved quality (screwed d) 25mm nominal bore including cost of all materials, our and HOM of equipments with all leads complete as specifications. Specification No.KBS 13.2.6 / 13.3. **No.91/ I.No. 13.34 of CSR 2016-17)**	Each							
		10				**10.00**	648.00	**6480.00**
Basic Rate	600.00							
Area Weightage @ 8%	48.00							
Total	**648.00**							

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 12-8.1 : Constructing brick masonry inspection chamber **455x610mm, and 450mm depth**, (clear inside ...tion) for single pipeline, using table moulded non-nodular bricks of class designation 50 in cement mortar :5, C I cover withframe (light duty) 455x610mm internal limensions, total weight of cover with frame to be not less nan 38 kg (weight of cover 23kg and weight of frame 15 g) R.C.C. top slab with cement concrete M 15 with 0mm and downsize granite metal, foundation concrete M with 40mm and downsize granite metal inside plastering 2mm thick with cement mortar 1:3, finish smooth with a oating coat of cement on walls and bed concrete omplete as per standard design including cost of aterials, labour charges, curing complete as per ecifications. Specification No. KBS (**P.No. 73/ No.11.50 of PWD SR 2016-17**)	Nos	1				**1.00**	7604.28	**7604.00**
Basic Rate	7041.00							
Area Weightage @ 8%	563.28							
Total	**7604.28**							
SRB 11-11.8 : Providing and fixing white vitreous china ...y, surgeon type wash basin size 660x460mm with a ...ir of 15mm C.P brass pillar taps with pair of elbow ...erated levers, C.I / M.S brackets, 32 mm C.P. brass ...ste of standard pattern, painting of fittings and ...ckets, cutting and making good the wall and floor ...erever required, including cost of materials, labour ...mplete as per specifications. KBS 11 **Page No. 81, ...m No. 12.30, PWD SR 2016-17**	Unit	2				**2.00**	4945.32	**9891.00**
Basic Rate	4579.00							
Area Weightage @ 6%	366.32							
Total	**4945.32**							
...RB13-6.1-3 : Providing and fixing in position brass bib ...k of approved quality 25mm nominal bore including ...t of all materials, labour and HOM of equipments with ...leads complete as per specifications. Specification KBS 13.2.2 / 13.3. (**P.No.91/ I.No. 13.25 of CSR 2016**	Each	10				**10.00**	297.00	**2970.00**
Basic Rate	275.00							
Area Weightage @ 8%	22.00							
Total	**297.00**							
...RB 11-2 : Providing and fixing white vitreous china ...y, water closet Orissa pattern of size 580 x 440mm ...h integral type footrests, 100mm S or P trap, 10 litre ...v level, P.V.C flushing cistern (all are approved make) ...h fittings, C.I / M.S brackets, 32mm diameter flush pipe ...ings and clamps, overflow arrangements with special ...d 25mm mosquito proof coupling of approved design, ...inting of fittings and brackets, cutting and making good ...e wall and floor wherever required, including cost of ...aterials, labour complete as per specifications. ...pecification No. KBS 11. (**P.No. 77, I.No.12.2 of PWD ...R 2016-17**)	Pan	1				**1.00**	4682.88	**4683.00**
Basic Rate	4336.00							
Area Weightage @ 8%	346.88							
Total	**4682.88**							

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 13-11.1 : Providing and placing on terrace, olyethylene water storage tanks with manhole lid and [illegible] locking arrangements, making holes of suitable iameter for inlet, outlet and over flow pipes, including ost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. **For 1000 litre capacity) Specification No.KBS 13.22 Page No. 94, Item No. 13.78, PWD SR 2016-17**	Nos	1				1.00	9144.36	9144.00
Basic Rate	8467.00							
Area Weightage @ 8%	677.36							
Total	**9144.36**							
SRB 11-18-1.1 : Providing and fixing sand cast iron soil aste and vent pipes 100mm dia with spun yarn soaked cement slurry and cement mortar 1:2 including cost of aterials, labour, testing complete as per specifications. BS 11-1.10 **Page No. 83, Item No. 12.47, PWD SR)16-17**	m	1	20.00			20.00	760.32	15206.00
Basic Rate	704.00							
Area Weightage @ 8%	56.32							
Sub Total	**760.32**							
SRB 8.6-5 : Providing and fixing on wall surface 2.5 kg / .cm H.D.P.E. rain down water pipes 90 mm outer dia proved make and brand with necessary specials like pes, bends and offsets fixed with iron clamps, wall gs, screws, including cost of materials, labour, curing nplete as per specifications. **Page No. 47 / Item No. 6, PWD SR 2016-17**	m	3	3.00			9.00	429.84	3869.00
Basic Rate	398.00							
Area Weightage @ 8%	31.84							
Sub Total	**429.84**							
Electrification								
pplying and wiring adopting loop system in existing C Conduit / casing capping using 1100V grade, PPER conductor flexible multistrand FRLS PVC ulated, 2 X1.5Sq.mm Cable confirming to the GTP, n a 6Amps flush type SP control switch shall be fixed the existing plastic sheet / gang box, the other end of wires shall be terminated with sufficient loose length a wood/PVC round block. complete for each outlet. ROUP A b) Medium point above 3Mtr upto 6Mtr from pping point to out let via switch **(Page No. 05, Item .2.1 KPWD SR 2014-15**	Point	3				3	245.00	735.00
pplying and flush mounting teak wooden box without ont plank, made of not less than 12mm thick wood, after ue groove cutting, Finishing with necessary cement astering complete (1.6.5) 4"x4"x3" (101x101x76mm) **Page No. 03, Item No. 1.6) KPWD SR 2014-15**	Each	2				2	68.00	136.00
upplying 4mm thick plastic sheet with necessary nitches or fixing switches, regulators etc., and fixing on existing wooden or metal box using N.F. screws. **(Page No. 17, tem No. 3.9) KPWD SR 2014-15**	SqCM					844	0.25	211.00

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
ra for Groove cutting in brick wall/CC floor to the able depth for concealing of Conduit/GI pipe and ing, finishing upto wall surface complete. upto nm conduit in brick wall **(Page No. 03, Item No.1.7.1) WD SR 2014-15**	Mtr	1	60.00			60	21.00	1260.00
pplying heavy gauge PVC Conduit Pipe 19/20 mm dia nm thick with suitable size bends, metal junction boxes hesive paste etc., by groove cutting in the wall and ing by bracing U or J hooks and cement plastering up the wall surface and run with 18 SWG GI fish wire run oughout the conduit wherever necessary. **(Page No. , Item No. 1.3.1) KPWD SR 2014-15**	Mtr	1	60.00			60	56.00	3360.00
upplying and fixing PBBC/Bakelite straight or slant itten holder and wiring with 60w/230 volts lamps. **(Page o. 20, Item No. 4.2) KPWD SR 2014-15**	Each	1				1	88.00	88.00
upplying patti type fluorescent tube light fitting of 2' - uitable for 14 watts fluorescent tube fitting, made out of .S. Sheet and stove enameled with HF Electronic allast , locking type brass contact holders mounted on uble fold type sheet base fully wired for use on 230 lts AC . Supply including T5 lamp. **(Page No. 20, Item . 4.5) KPWD SR 2014-15**	Each	1				1	591.00	591.00
ring for lighting/power circuit using one of FRLS PVC ulated 1100V grade, multistrand Copper with low nductor resistance single core wire in open or ncealed system of wiring with specified IS-694:1990 & nfirming to GTP of GROUP -A 1.5 sqmm **(Page No. 06, n No. 2.5.2) KPWD SR 2014-15**	Mtr	1	15.00			15	18.60	279.00
plying and fixing cast Aluminum round or oblong type k head fitting with GI wire guard, glass cover with 100 watts 230V GLS lamp. **(Page No. 20, Item No.) KPWD SR 2014-15**	Each	4				4	747.00	2988.00
plying, fixing, wiring, earth electrode for grounding duits, I.C. cutouts and other equipment's on the meter rd using 40mm dia 2.90mm thick GI pipe 2.5 mtr long ed in a pit ... The pit should be filled with equal portion of salt and charcoal 150mm all-round the pipe complete depth. The connection from the pipe to the nduit etc., is to be established through GI wire of size per ISI specification 7.3.3. of IS 732 using 12mm dia ts, nuts, washers and check nuts etc., the pipe shall ve 16 through holes of 122 mm dia **(Page No. 55, Item . 7.1) KPWD SR 2014-15**	No	1				1	2727.00	2727.00
pplying of 1.1 KV LT UG cable having aluminum nductor PVC insulated, extruded inner sheathed, lvanized, steel strip (except 2CX10Sq.mm wire moured) confirming to IS-3975:1990 (No. of Strip dicated in GTP) & extruded PVC outer sheathed moured cable with specified IS-1554 Part-1:1988 & nfirming to GTP of GROUP-A P No. 55/ I No. 7.4.4 4 ore 16 Sqmm KPWD Electrical SR 2014-15	Mtr	1	25.00			25.00	140.40	3510.00

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. **P No. 61 / I No. 7.8.1 6Sqmm to 16 Sqmm) KPWD Electrical SR 2014-15**	Mtr							
			1	25.00			25.00	11.65	291.00
	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete For Cutting Road Surface .(As per Civil SR KSRB I-2, P-7) **P No. 61 / I. No. 7.9.3 KPWD Electrical SR 2014-15**	Mtr							
			1	20.00			20.00	91.72	1834.00
	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV 40mm dia GI pipe **P. No. 62 / I No. 7.12.1 KPWD Electrical SR 2014-15**	Mtr							
			1	4.00			4.00	372.26	1489.00
)	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers 16Sqmm etc., **P. No. 62 / I.No. 7.13.2 KPWD Electrical SR 2014-15**	No.							
			1				1.00	302.12	302.00
									850.00
								Total	1000000.00

Rupees Ten Lakh(s) Only

ERTIFICATE :

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2016-17 and KPWD SR 2014-15.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

6/07
Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

6/07

ADMINISTRATIVE APPROVAL

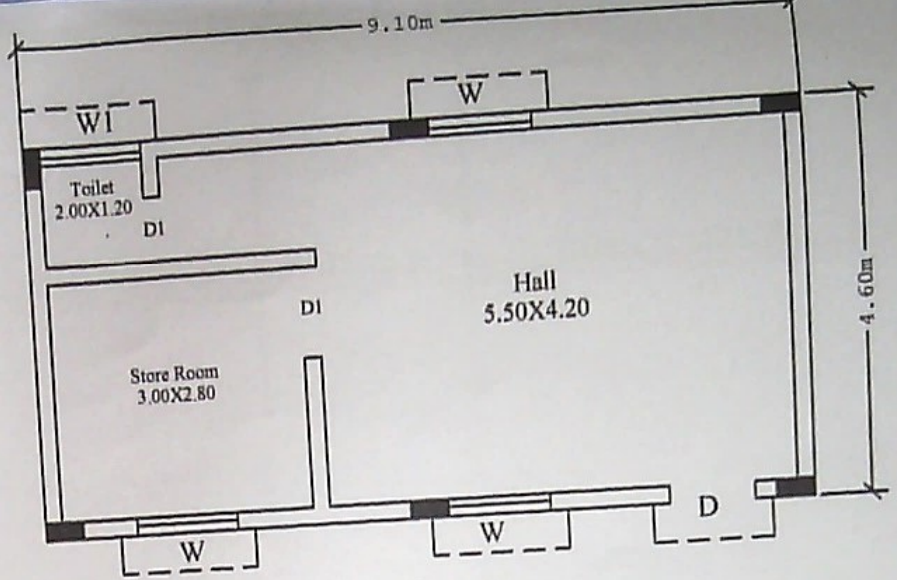
Accorded For Rs. 10.00 lakhs
Head of A/c. P1771
Div. Ref. No. 34/19-20 Date. 6-7-19

6/07 6/07
AE EE(BTP)

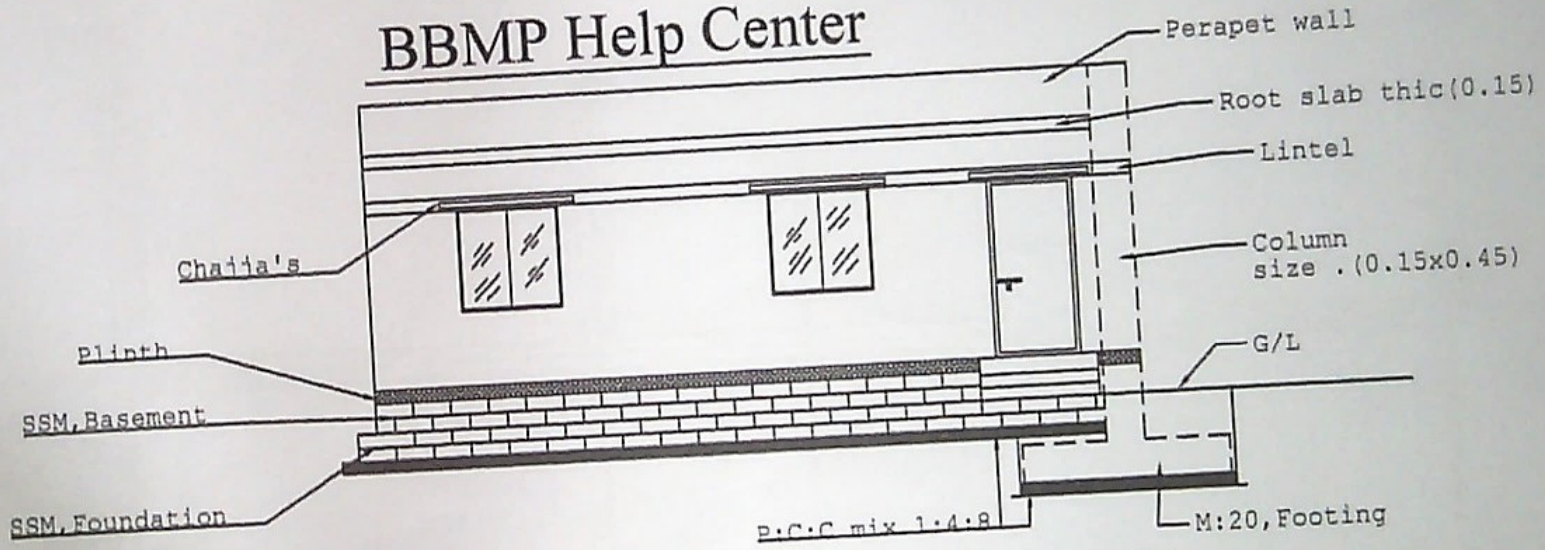
TECHNICAL SANCTION

Accorded For Rs. 10.00 lakhs
Head of A/c. P1771
Div. Ref. No. 44/19-20 Date. 6-7-19

6/07 6/07
AE EE(BTP)

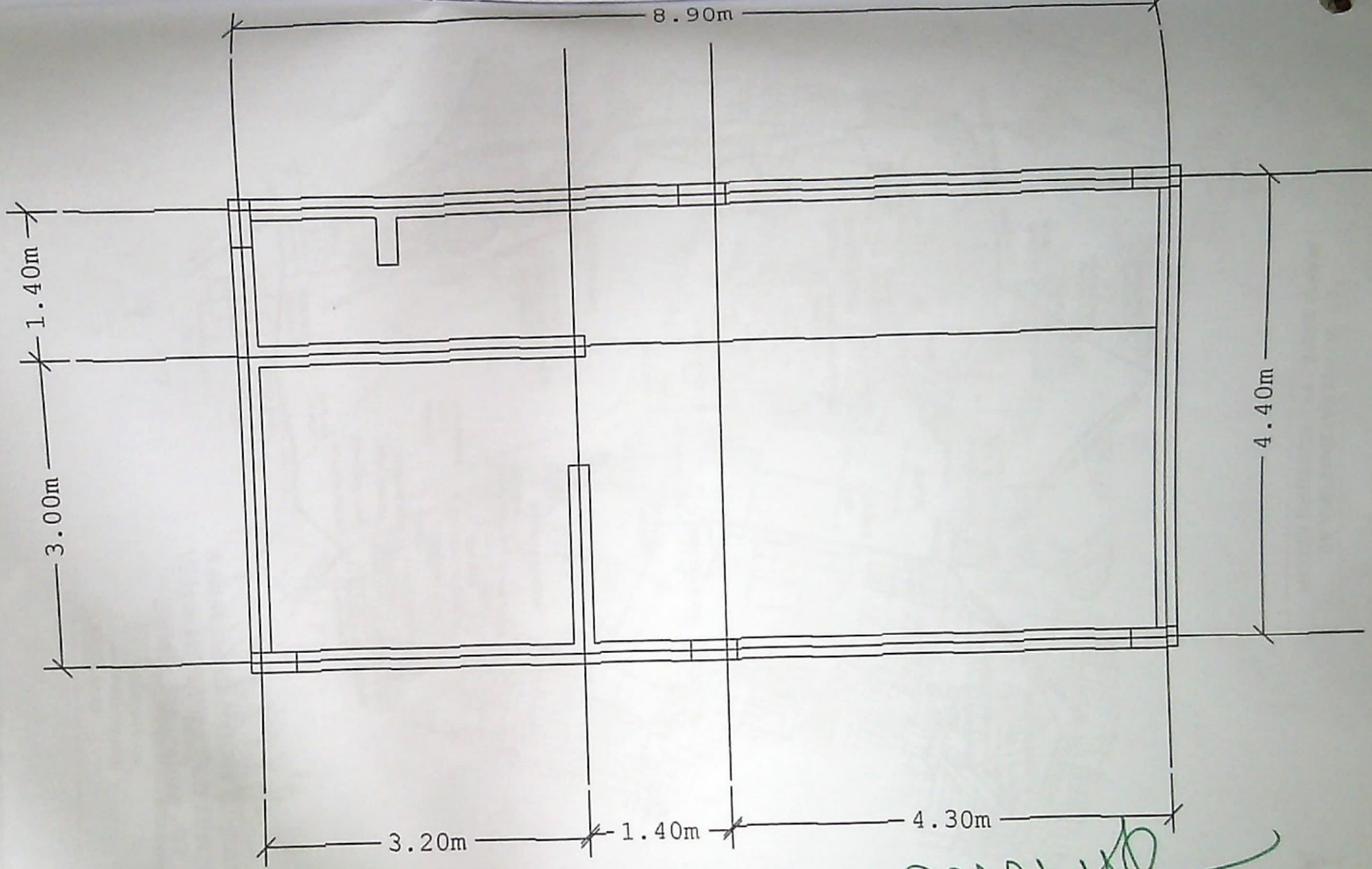


BBMP Help Center



ELEVATION AND CROSS SECTION

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97



center line drawing

4.40+4.40+4.40+8.90+8.90+3.20=33.20mtr

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97